

TROPICAL ENTOMOLOGY

ENY 3563/5566

Summer A 2023

Credits: 3

Online Asynchronous

INSTRUCTOR

Dr. Nicole Quinn

Assistant Professor

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COURSE OBJECTIVES

This course provides the student an overview of the ecology, diversity, and agricultural and veterinary importance of insects in the tropics. Insects are the most diverse multicellular organisms in the tropics. Their roles in nature have diversified into most habitats where they are fungivores, herbivores, necrophages, coprophages, saprophages, parasitoids, parasites, and predators. They provide critical ecosystem services such as decomposition, nutrient recycling, pollination, and biological control. Tropical insects are used as bioindicators of ecosystem health and conservation needs.

In this course, students will synthesize information about the tropics, ecology, and entomology. By the end of this course, students will predict how changes to a tropical ecosystem might affect a given insect, and vice versa, with 90% accuracy.

COURSE FORMAT

The narrated PowerPoint presentations form a series of **LECTURES** covering the basic themes listed above. All presentations are available in Canvas through UF eLearning (elearning.ufl.edu). There are **READING ASSIGNMENTS** to provide a broader perspective of the course and provides opportunities for discussion. Participation in **DISCUSSIONS** (via Canvas) is a critical component of this course. The lectures and readings should be viewed before the participating in discussion. Every lecture has five discussion questions associated with it. Students should also prepare any questions they have from viewing the presentations and present them in the appropriate discussion. Students should be willing to share opinions, perceptions, and experiences. Each student is expected to contribute **at least five meaningful questions, posts, or responses per week**. Every Monday, the previous week's discussion will be closed and the current

week's discussions will be made available.

COURSE SCHEDULE

CRITICAL DATES

May 24: Presentation topic selected

May 31: Presentation abstract and references due

June 11: Presentations due

June 16: Graduate student mini reviews due

June 18: Peer review of presentations due

REQUIRED TEXTBOOKS

None

STUDENT PERFORMANCE ASSESSMENTS

The **ORAL PRESENTATION** is a synthesis of information from literature and/or experience on a topic directly related to any aspect of tropical entomology. The topic of the presentation will be decided by mutual agreement between Dr. Quinn and the student. The topic of the presentation must be finalized no later than **May 24th**. No two presentations may be done on the same topic, so decide on a topic and have it finalized with Dr. Quinn soon. PowerPoint slides must be utilized as visual aids. A maximum 250-word abstract with a list of at least five references (not cited in abstract) and no more than eight should be delivered by **May 31st**. At least three journal articles or books must be included in the list and no more than four websites; provide the complete reference of all literature cited and the title and URL for all websites cited. Use of information gathered from Wikipedia is not allowed. Recorded presentations must be uploaded by June 11th. Duration of the oral presentation shall be 12 minutes. *The duration of oral presentation or format of delivery may be modified based on class size.* Presentations will be peer-reviewed following the provided rubric. Each student will review at least one presentation (depending on class size).

It is highly recommended that Dr. Quinn review your draft abstract and slides before final submission.

STUDENT LEARNING ASSESSMENT

| Assignment | ENY3563 | ENY5566 |
|---------------------|------------|------------|
| Article discussions | 100 points | 100 points |

| | | |
|---------------------------------|-------------------|-------------------|
| Lecture reflections/discussions | 100 points | 100 points |
| Oral presentation | 100 points | 100 points |
| Peer review of presentations | 100 points | 100 points |
| Mini review | n/a | 100 points |
| TOTAL | 400 points | 500 points |

NOTE: Students registered for ENY5566 have requirements different from those for ENY3563 students.

GRADES

| | | | | |
|-------------|-------------|-------------|-------------|-----------|
| A = 100-93% | B+ = 89-87% | C+ = 79-77% | D+ = 69-67% | |
| A- = 92-90% | B = 86-83% | C = 76-73% | D = 66-63% | E = 59-0% |
| | B- = 82-80% | C- = 72-70% | D- = 62-60% | |

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

PRIVACY AND RECORDINGS

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

UNIVERSITY OF FLORIDA POLICIES AND ASSISTANCE

Absences and Make-Up Work

Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies found at: catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/.

Online Course Evaluation Process

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results are available to students at evaluations.ufl.edu/results/.

University Policy on Accommodating Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

0001 Reid Hall, 352-392-8565, <https://disability.ufl.edu/>

University Policy on Academic Conduct

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>

Plagiarism

The [Student Honor Code and Student Conduct Code](#) states that:

"A Student must not represent as the Student's own work all or any portion of the work of another.

Plagiarism includes but is not limited to:

- Use of ChatGPT or other similar services
- Stealing, misquoting, insufficiently paraphrasing, or patch-writing.
- Self-plagiarism, which is the reuse of the Student's own submitted work, or the simultaneous submission of the Student's own work, without the full and clear acknowledgment and permission of the Faculty to whom it is submitted.
- Submitting materials from any source without proper attribution.
- Submitting a document, assignment, or material that, in whole or in part, is identical or substantially identical to a document or assignment the Student did not author."

Software Use:

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.